



JAYUSOLAR

**I N T
R O D
U C E**

2020

**Xuzhou Jayu Solar Energy
Technology Co., Ltd.**

JAYU 嘉寓光能



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Chapter

01

Who We Are

Stock code.: 300117

JAYUSOLAR

Jayu is a provider of Energy-saving, Intelligent, Photovoltaic, Window & Curtain Wall systems for buildings, which engages in R&D, design, production and construction. With more than 30 years of professional experience, Jayu has profound industrial experience and technical accumulation in the field of building energy conservation and new energy utilization.



**Founded in
1987.**



**Total assets over
\$8 billion.**



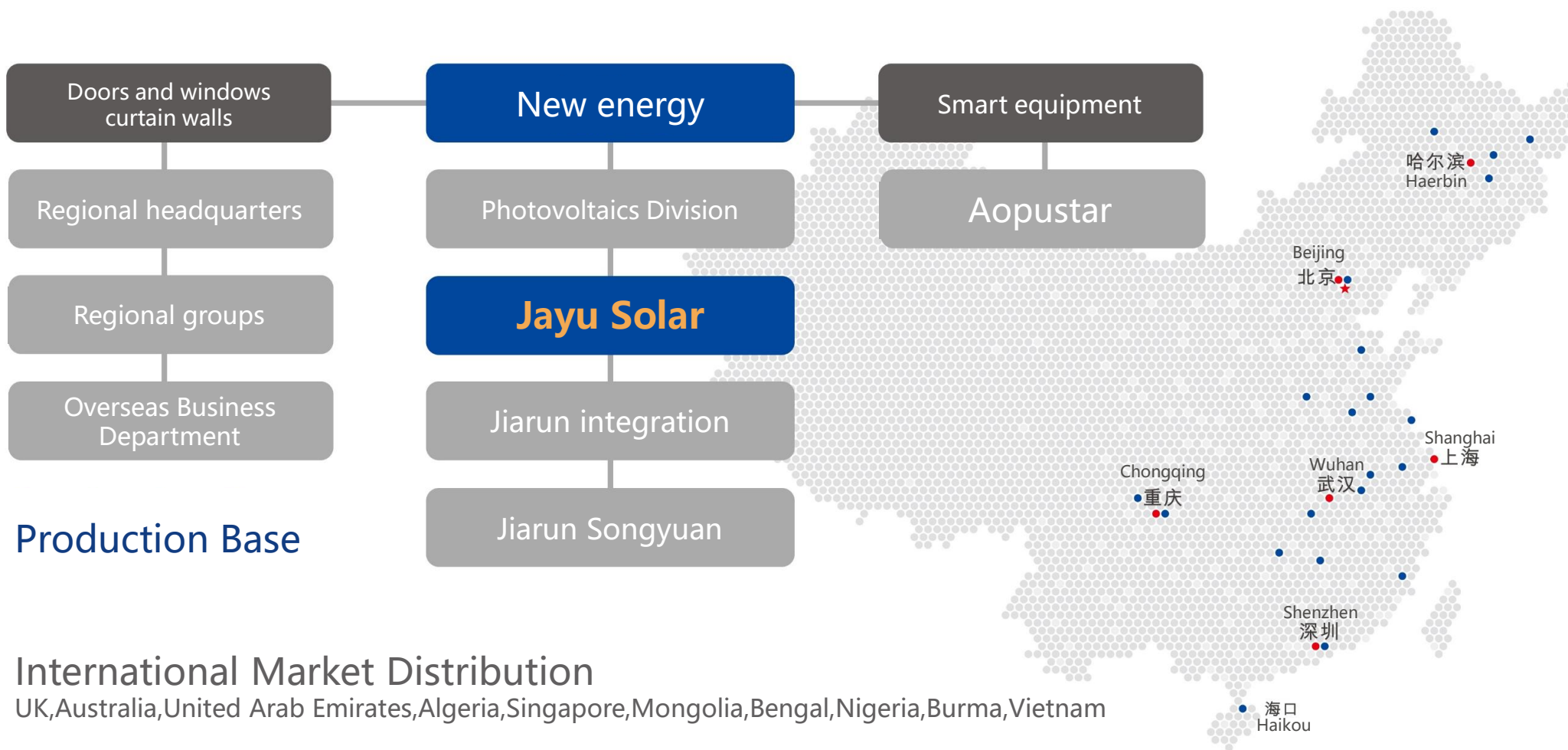
**The first energy saving
Doors and Windows listed
enterprises in China**



**26 bases
throughout the country.**



**Approximately
12,000 employees.**



Corporate Culture



Vision

For a better home.



Mission

Achievement of customers,
Achievement of the brand.
Achievement of employees,
Contribute to society.



Value

Responsibility,
Professionalism,
Innovation



Xuzhou Jayu Solar Energy Technology Co., Ltd. (here in after referred to as "Jayu Solar") Is Beijing Jayu Door and Window Curtain Wall Co., Ltd. wholly-owned subsidiary, with the industry's leading level of highly automated photovoltaic module production base, annual production capacity of 1.5GW. At present, Jayu Solar can have Monocrystalline/Polycrystalline module, film module, half-cell module, dual-glass module, 9 bus bars module, panel module, ultra-thin module and large-size module of the production technology, product output power can cover 270W to 470W and other different levels.

The company's module production workshop has the industry's advanced automated production lines, its unique on-line automatic detection function, can effectively avoid human factors caused by adverse products, and further ensure good quality and consistency of products. At the same time, the company has a sound quality assurance system and high-quality staff team, built a strict enterprise internal control quality standards. In addition to the scale of automated photovoltaic module production technology, Jayu Solar also has EPC power construction general contracting qualification, and has obtained a total of 24 national patents for solar photothermal, photovoltaic technology, etc.

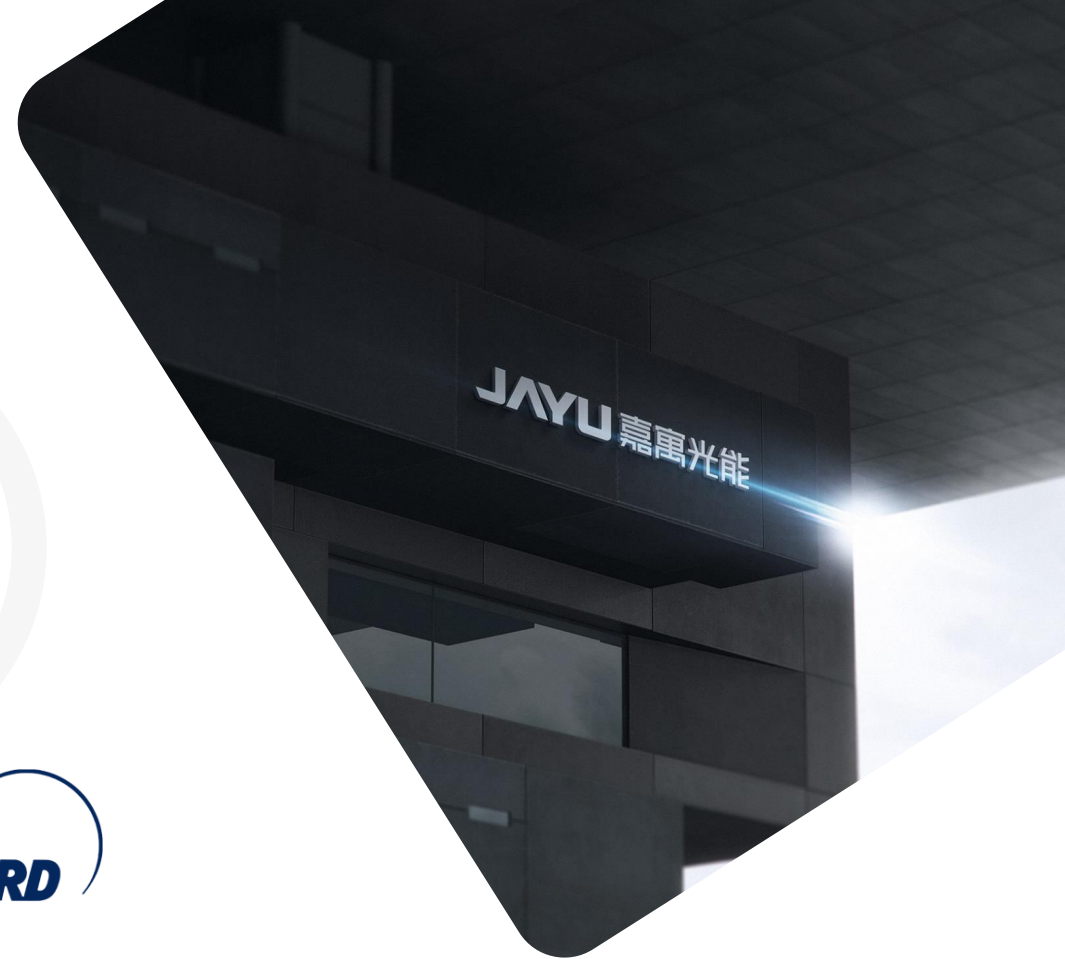
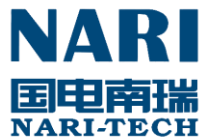


Jayu Solar as a PV Modules Manufacturer:

- Located in Xuzhou City, Jiansu Province;
- PV module manufacturing launched in Sep 2017;
- Be qualified 3rd grade EPC power construction;
- 1.5GW annual capacity for PV module;



Partners





Chapter

02

What We Do



Automatic Production Equipment



Automatic series welding machine



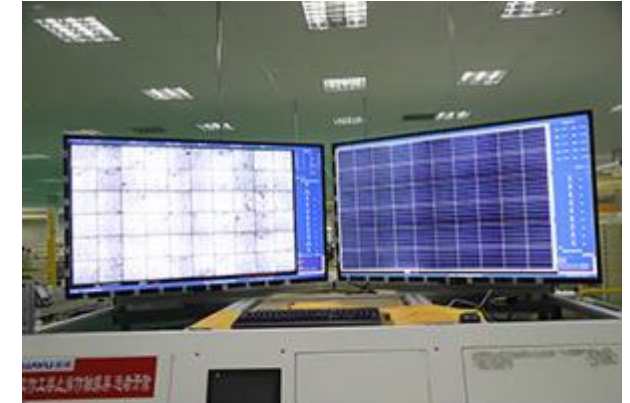
Automatic sealing & assembling machines



Laminator



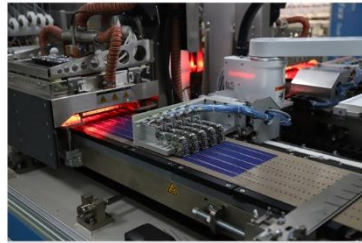
Sun simulator



EL tester & Visual inspection instrument



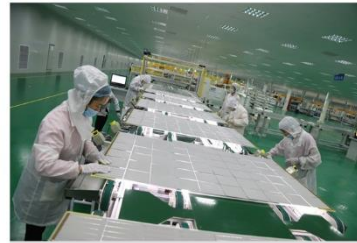
Automatic packing & Intelligent power division system



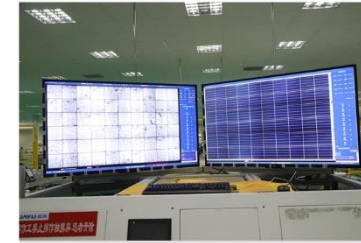
Series welding



Typesetting



Interconnected
welding & laying



EL test & Visual
inspection



Lamination



Curing



Glue-filling



Sealing & Assembling



Visual inspection



Edge cutting



Filing the angle
of frame



Insulated resistance &
withstand voltage test

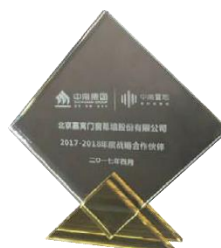


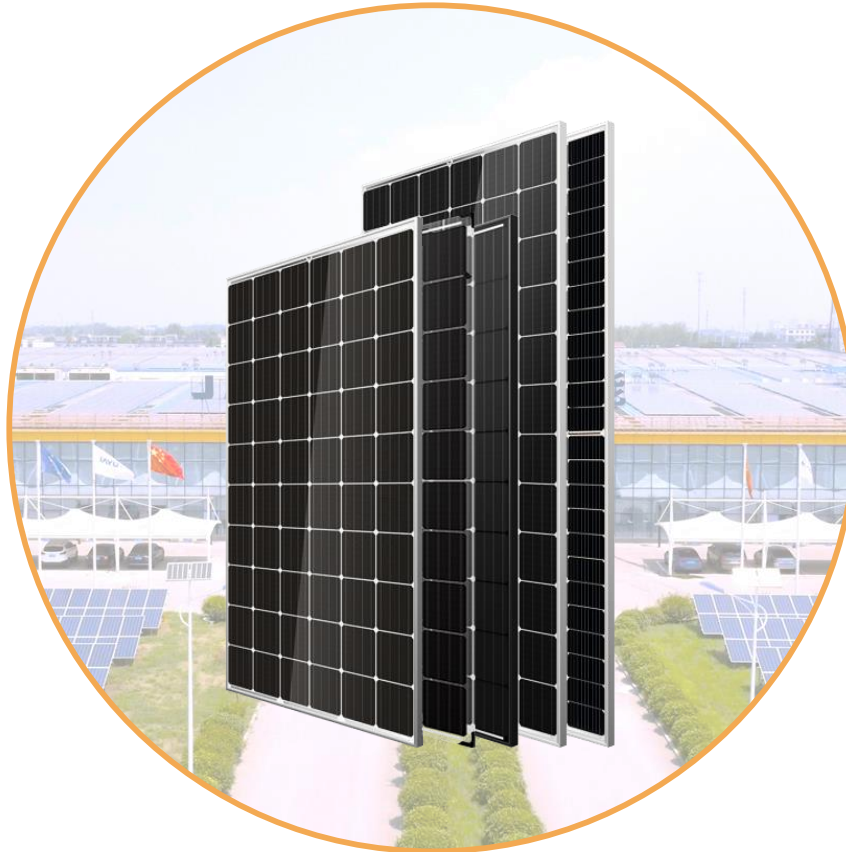
Sun simulator
test & EL test

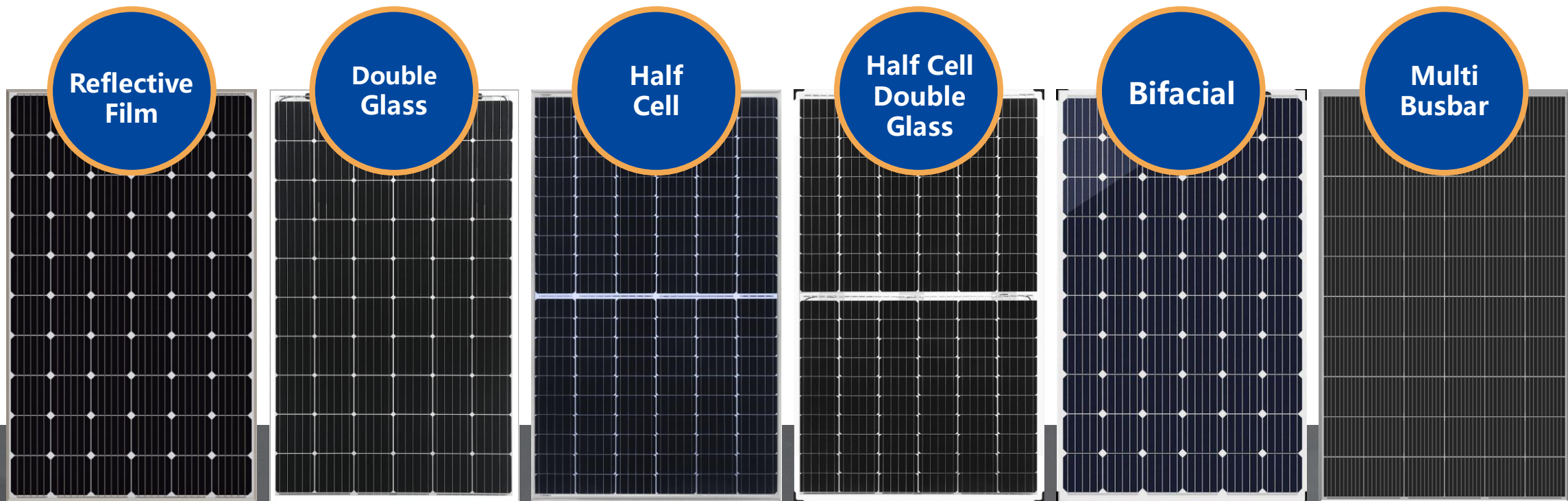


Packaging & Intelligent power division

- Comprehensive QC ;
- Intensive QC;
- Intelligent QC;
- Data-based QC;



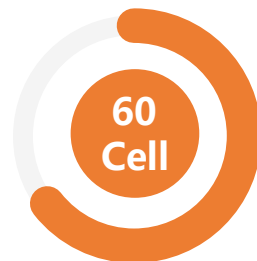




JAYU 嘉禹光能

Bifacial Double-glass

Efficiency:
20.93% (Front) / 24.00% (+Back)



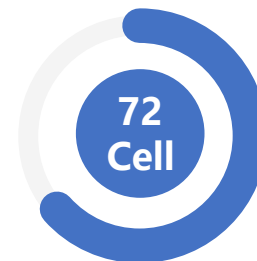
Front

340

+back

390

Maximum power(W)



Front

410

+back

470

Maximum power(W)

01

Low-light Performance
The power generation
can increase up to 15%

Fire Safety Class A:
Excellent fire resistance

02

03

Fully-symmetrical
Structure : No crack
risk, and free of snail
trails Improved

Higher Lifetime Power
Yield: 30 years linear
power warranty, higher
return on investment

04

High efficiency Mono perc

Big size solar cell + LRF + white EVA



400

Maximum power(W)



20.2

conversion efficiency(%)

01

Large Size Cell and Multi Grid Battery Technology: higher output power, effectively reduce the cost of single watt system

02

High-strength Frame
2400Pa wind load,
5400Pa snow load, 25mm
hail stones at 82km/h

03

Drainaging Designs To
prevent deforming and
fracturing due to freezing
or other forces

04

Excellent Anti-PID
Performance Stringent
quality control, High
reliability, Internal testing
far beyond the industry
standards

Multi-Busbar half-cell

Multi-busbar+half-cut+grid glass+POE



Front

405

+back

465

Maximum power(W)



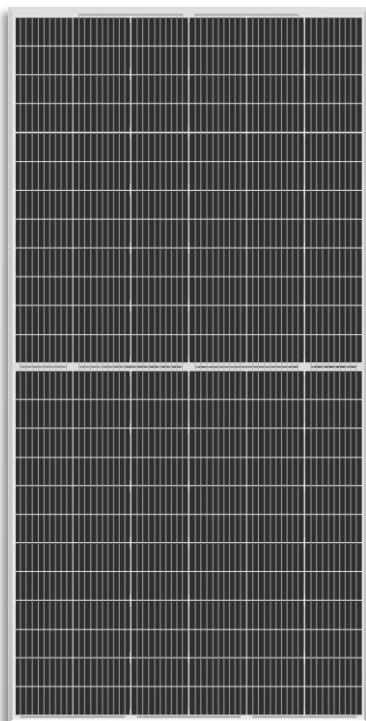
Front

20.5

+back

23.5

conversion efficiency(%)



01

Half-cut Cell
Technology: New
circuit design, Lower
internal current, Lower
resistance loss

Significantly Lower the
Risk of Hot Spot:
Reduce power loss,
Increase module
output power;

02

03

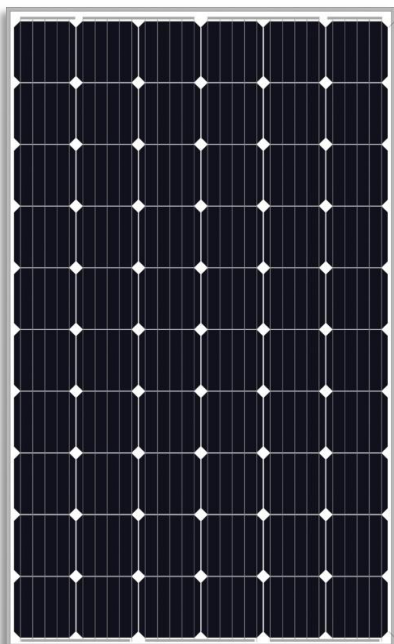
Better for grounded
solar farm

Significantly Lower the
Risk of Hot Spot:
Reduce power loss,
Increase module
output power

04

Light-weight Module

0.85mm glass



390

Maximum power(W)



20.1

conversion efficiency(%)

01

Weight is half as much
as regular module

Withstand high wind
loads (3600 Pascal) and
snow loads (5400 Pascal)

02

03

Lighter weight, easier
to operate, less roof
load, more elaborate
size

04

Better for rooftop



Chapter

03

Service & Project

Guide green energy and advocate energy saving and energy storage



Jayu New Energy as a Solar System Integrator:

- Development, Construction, Operation and Maintenance of Self-owned PV projects.
- EPC General Contract Service for Customers.



Self-owned Distributed PV Projects



Peixian base distributed power station

Weihui base distributed power station

Anqing base distributed power station

Changyuan base distributed power station

Hunan Xiangxiang base distributed power station

Anhui Maanshan base distributed power station

Hubei Xianning base distributed power station

Hebei Weixian project distributed power station

8 self-owned PV projects in China;
53MW installation capacity in total; Fully realized grid-generation in 2017.



82. 29MW GROUND MOUNTED PHOTOVOLTAIC PLANT

The world's largest single fishing PV station



Location: Lianjiaba, Dandong City, Liaoning Province, China

Project Size: 240 MW

Project Type: Fishing PV station

Type: Dual-glass solar module

PV Benefiting Projects



Weixian Home photovoltaic power station (1)



Weixian Home photovoltaic power station (2)



Xuecheng, Zaozhuang, Shandong, 10KW



Taozhuang town, Xuecheng, Zaozhuang, Shandong, 20KW



Wanguanzhuang, Chaihudian, Tengzhou, Shandong, 7KW



Xuezhuang, Huancheng town, Weishan, Shandong Province, 10KW



Huancheng town, Weishan, Shandong Province, 80KW



Xifanger village, Shaoyang Town, Weishan, Shandong Province, 12KW



Chapter

04

Brand Development

Domestic Exhibition



SNEC 2019
PV POWER EXPO
Dialogue & Conference & Exhibition



2019
Shanghai

SNEC



Overseas Exhibitions

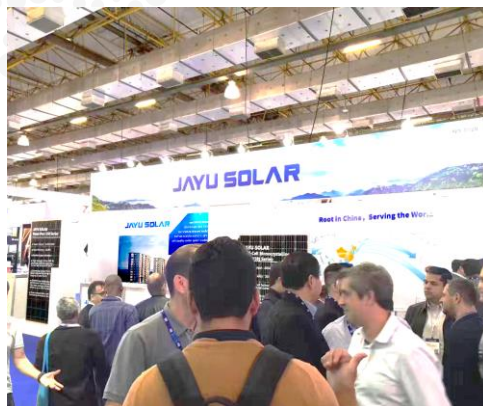
To explore Overseas PV market

At the beginning of 2019, Jayu Solar actively established overseas business division. Jayu Solar has actively participated in international important new energy exhibitions and expanded its business scope to Italy, Turkey, Pakistan, South Africa and Poland

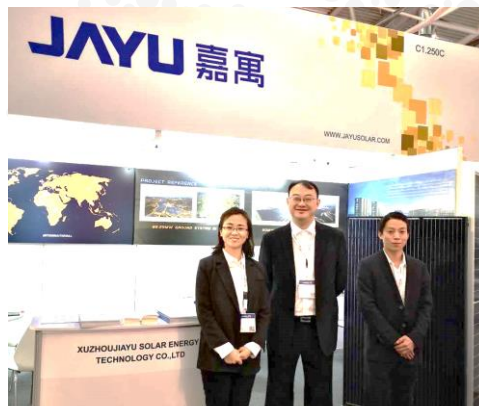
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All-Energy Australia 2019



Intersolar South America 2019



Intersolar Europe 2019



2018 New & Vigorous
Corporate



2018 Top 10 Module Supplier



2018 The Most Influential Brand
for PV distributed



2018 The Ten Most Innovative
Module Corporate



2018 Outstanding
Module Supplier



2018 High-quality
Module Supplier



2018 Top-level Module Supplier



2018 Top 10 Outstanding
Module Supplier



2019 Innovative Corporate



2019 Outstanding
Module Supplier



2019 The Most Influential Brand



2019 The Most Influential EPC

THANKS

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